

US EPA ARCHIVE DOCUMENT

PIXELS		1973	1973	1973	1973	1973	1973	1973	1973	1973	1973
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr	Ag	Wetl	N.Trans
1980	Water	763594.3	0.0	319.2	69.4	749.5	111.0	0.0	41.6	583.0	0.0
1980	Urban	0.0	2428417.0	485.8	263.7	0.0	47400.2	152.7	10923.6	1346.4	0.0
1980	A.Trans	0.0	0.0	360.9	0.0	0.0	11631.4	0.0	0.0	0.0	0.0
1980	Mining	0.0	0.0	0.0	38406.0	0.0	6759.6	0.0	0.0	69.4	0.0
1980	N.Bare	430.3	0.0	0.0	0.0	19945.6	0.0	55.5	0.0	0.0	0.0
1980	Forest	0.0	180.4	1776.6	513.6	0.0	4900486.7	3275.7	305.4	13.9	0.0
1980	Grs/Shr	0.0	0.0	2706.6	1901.6	0.0	916.1	19223.8	5205.0	0.0	0.0
1980	Ag	0.0	0.0	0.0	0.0	0.0	6551.4	0.0	796712.0	1179.8	0.0
1980	Wetl	0.0	0.0	388.6	69.4	0.0	13.9	0.0	0.0	603946.6	0.0
1980	N.Trans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	total	764024.6	2428597.5	6037.8	41223.6	20695.1	4973870.2	22707.7	813187.6	607139.0	0.0

KM ²		1973	1973	1973	1973	1973	1973	1973	1973	1973	1973
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr	Ag	Wetl	N.Trans
1980	Water	2748.9	0.0	1.1	0.2	2.7	0.4	0.0	0.1	2.1	0.0
1980	Urban	0.0	8742.3	1.7	0.9	0.0	170.6	0.5	39.3	4.8	0.0
1980	A.Trans	0.0	0.0	1.3	0.0	0.0	41.9	0.0	0.0	0.0	0.0
1980	Mining	0.0	0.0	0.0	138.3	0.0	24.3	0.0	0.0	0.2	0.0
1980	N.Bare	1.5	0.0	0.0	0.0	71.8	0.0	0.2	0.0	0.0	0.0
1980	Forest	0.0	0.6	6.4	1.8	0.0	17641.8	11.8	1.1	0.0	0.0
1980	Grs/Shr	0.0	0.0	9.7	6.8	0.0	3.3	69.2	18.7	0.0	0.0
1980	Ag	0.0	0.0	0.0	0.0	0.0	23.6	0.0	2868.2	4.2	0.0
1980	Wetl	0.0	0.0	1.4	0.2	0.0	0.0	0.0	0.0	2174.2	0.0
1980	N.Trans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	total	2750.5	8743.0	21.7	148.4	74.5	17905.9	81.7	2927.5	2185.7	0.0

%		1973	1973	1973	1973	1973	1973	1973	1973	1973	1973
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr	Ag	Wetl	N.Trans
1980	Water	7.89%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	0.00%
1980	Urban	0.00%	25.09%	0.01%	0.00%	0.00%	0.49%	0.00%	0.11%	0.01%	0.00%
1980	A.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.12%	0.00%	0.00%	0.00%	0.00%
1980	Mining	0.00%	0.00%	0.00%	0.40%	0.00%	0.07%	0.00%	0.00%	0.00%	0.00%
1980	N.Bare	0.00%	0.00%	0.00%	0.00%	0.21%	0.00%	0.00%	0.00%	0.00%	0.00%
1980	Forest	0.00%	0.00%	0.02%	0.01%	0.00%	50.64%	0.03%	0.00%	0.00%	0.00%
1980	Grs/Shr	0.00%	0.00%	0.03%	0.02%	0.00%	0.01%	0.20%	0.05%	0.00%	0.00%

1980	Ag	0.00%	0.00%	0.00%	0.00%	0.00%	0.07%	0.00%	8.23%	0.01%	0.00%
1980	Wetl	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.24%	0.00%
1980	N.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	total	7.89%	25.10%	0.06%	0.43%	0.21%	51.40%	0.23%	8.40%	6.27%	0.00%

total
765468.1
2488989.4
11992.3
45234.9
20431.4
4906552.2
29953.0
804443.2
604418.5
0.0
9677483.0

total
2755.7
8960.4
43.2
162.8
73.6
17663.6
107.8
2896.0
2175.9
0.0
34838.9

total
7.91%
25.72%
0.12%
0.47%
0.21%
50.70%
0.31%

8.31%
6.25%
0.00%
100.00%

[illegible]

PIXELS		1980	1980	1980	1980	1980	1980	1980
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
1986	Water	764121.8	0.0	0.0	27.8	458.0	0.0	0.0
1986	Urban	0.0	2488906.1	291.5	818.9	0.0	36337.8	69.4
1986	A.Trans	0.0	0.0	27.8	0.0	0.0	11090.1	0.0
1986	Mining	0.0	0.0	0.0	40932.1	0.0	5843.5	236.0
1986	N.Bare	1346.4	0.0	0.0	0.0	19973.3	0.0	0.0
1986	Forest	0.0	0.0	4955.2	1443.5	0.0	4848020.3	6856.7
1986	Grs/Shr	0.0	83.3	5788.0	2012.6	0.0	1041.0	22652.2
1986	Ag	0.0	0.0	818.9	0.0	0.0	4219.5	0.0
1986	Wetl	0.0	0.0	111.0	0.0	0.0	0.0	138.8
1986	N.Trans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	total	765468.1	2488989.4	11992.3	45234.9	20431.4	4906552.2	29953.0

KM ²		1980	1980	1980	1980	1980	1980	1980
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
1986	Water	2750.8	0.0	0.0	0.1	1.6	0.0	0.0
1986	Urban	0.0	8960.1	1.0	2.9	0.0	130.8	0.2
1986	A.Trans	0.0	0.0	0.1	0.0	0.0	39.9	0.0
1986	Mining	0.0	0.0	0.0	147.4	0.0	21.0	0.8
1986	N.Bare	4.8	0.0	0.0	0.0	71.9	0.0	0.0
1986	Forest	0.0	0.0	17.8	5.2	0.0	17452.9	24.7
1986	Grs/Shr	0.0	0.3	20.8	7.2	0.0	3.7	81.5
1986	Ag	0.0	0.0	2.9	0.0	0.0	15.2	0.0
1986	Wetl	0.0	0.0	0.4	0.0	0.0	0.0	0.5
1986	N.Trans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	total	2755.7	8960.4	43.2	162.8	73.6	17663.6	107.8

%		1980	1980	1980	1980	1980	1980	1980
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
1986	Water	7.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1986	Urban	0.00%	25.72%	0.00%	0.01%	0.00%	0.38%	0.00%
1986	A.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.11%	0.00%
1986	Mining	0.00%	0.00%	0.00%	0.42%	0.00%	0.06%	0.00%
1986	N.Bare	0.01%	0.00%	0.00%	0.00%	0.21%	0.00%	0.00%
1986	Forest	0.00%	0.00%	0.05%	0.01%	0.00%	50.10%	0.07%
1986	Grs/Shr	0.00%	0.00%	0.06%	0.02%	0.00%	0.01%	0.23%
1986	Ag	0.00%	0.00%	0.01%	0.00%	0.00%	0.04%	0.00%
1986	Wetl	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1986	N.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	total	7.91%	25.72%	0.12%	0.47%	0.21%	50.70%	0.31%

1980	1980	1980	
Ag	Wetl	N.Trans	total
0.0	0.0	0.0	764607.6
8272.5	513.6	0.0	2535209.8
513.6	236.0	0.0	11867.4
194.3	0.0	0.0	47205.9
0.0	0.0	0.0	21319.7
652.4	13.9	0.0	4861941.9
4538.8	0.0	0.0	36115.8
790271.7	0.0	0.0	795310.1
0.0	603655.1	0.0	603904.9
0.0	0.0	0.0	0.0
804443.2	604418.5	0.0	9677483.0

1980	1980	1980	
Ag	Wetl	N.Trans	total
0.0	0.0	0.0	2752.6
29.8	1.8	0.0	9126.8
1.8	0.8	0.0	42.7
0.7	0.0	0.0	169.9
0.0	0.0	0.0	76.8
2.3	0.0	0.0	17503.0
16.3	0.0	0.0	130.0
2845.0	0.0	0.0	2863.1
0.0	2173.2	0.0	2174.1
0.0	0.0	0.0	0.0
2896.0	2175.9	0.0	34838.9

1980	1980	1980	
Ag	Wetl	N.Trans	total
0.00%	0.00%	0.00%	7.90%
0.09%	0.01%	0.00%	26.20%
0.01%	0.00%	0.00%	0.12%
0.00%	0.00%	0.00%	0.49%
0.00%	0.00%	0.00%	0.22%
0.01%	0.00%	0.00%	50.24%
0.05%	0.00%	0.00%	0.37%
8.17%	0.00%	0.00%	8.22%
0.00%	6.24%	0.00%	6.24%
0.00%	0.00%	0.00%	0.00%
8.31%	6.25%	0.00%	100.00%

TO A.TRANS	0	0	0	2	0	0	0	0	4	7	0	0	7	0	8	0	0	2	31	0	0	0	0	0	0	0	0	7	53	0	1399.6	4.0	121.3	1399.6	0.0145%
TO MINING	23	68	0	54	0	0	0	19	0	15	0	0	39	64	23	7	65	60	83	0	0	0	14	7	32	0	0	17	0	0	6824.3	19.7	673.1	6824.3	0.0705%
TO N.BARE	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	358.6	1.0	30.0	358.6	0.0037%
TO FOREST	178	31	156	24	0	0	0	0	66	11	0	0	56	83	30	32	36	27	30	0	0	60	0	14	0	0	19	86	0	0	10861.1	31.3	2036.9	10861.1	0.1122%
TO GRS/SHRUB	179	8	14	117	3	0	0	49	169	12	0	0	27	63	12	9	37	38	10	0	0	11	0	37	106	0	0	80	0	0	11346.9	32.7	2482.4	11346.9	0.1173%
TO AGRICUL	21	15	27	27	27	0	0	0	18	0	0	42	14	19	8	28	0	20	89	0	0	22	0	44	0	0	0	0	0	0	4869.6	14.0	395.5	4869.6	0.0503%
TO WETLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0	11	0	0	0	0	0	0	0	0	277.6	0.8	8.5	277.6	0.0029%
TO N.TRANS	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	439.5	1.3	48.1	439.5	0.0045%
A.Trans/Forest	224	99	68	262	0	0	6	0	98	30	0	0	53	4	108	89	6	227	79	0	0	9	0	15	60	0	0	0	13	0	16771.7	48.3	5448.0	16771.7	0.1733%

PIXELS		1986	1986	1986	1986	1986	1986	1986
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
1992	Water	764191.2	0.0	13.9	291.5	499.7	111.0	0.0
1992	Urban	0.0	2535168.1	4108.5	555.2	0.0	93773.3	1374.1
1992	A.Trans	0.0	0.0	208.2	0.0	0.0	13546.9	416.4
1992	Mining	0.0	0.0	0.0	41084.8	0.0	6759.6	277.6
1992	N.Bare	416.4	0.0	0.0	0.0	20820.0	13.9	0.0
1992	Forest	0.0	0.0	6579.1	707.9	0.0	4740436.4	10798.6
1992	Grs/Shr	0.0	41.6	846.7	4469.4	0.0	1859.9	23040.8
1992	Ag	0.0	0.0	111.0	0.0	0.0	4913.5	83.3
1992	Wetl	0.0	0.0	0.0	97.2	0.0	0.0	124.9
1992	N.Trans	0.0	0.0	0.0	0.0	0.0	527.4	0.0
	total	764607.6	2535209.8	11867.4	47205.9	21319.7	4861941.9	36115.8

KM ²		1986	1986	1986	1986	1986	1986	1986
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
1992	Water	2751.1	0.0	0.0	1.0	1.8	0.4	0.0
1992	Urban	0.0	9126.6	14.8	2.0	0.0	337.6	4.9
1992	A.Trans	0.0	0.0	0.7	0.0	0.0	48.8	1.5
1992	Mining	0.0	0.0	0.0	147.9	0.0	24.3	1.0
1992	N.Bare	1.5	0.0	0.0	0.0	75.0	0.0	0.0
1992	Forest	0.0	0.0	23.7	2.5	0.0	17065.6	38.9
1992	Grs/Shr	0.0	0.1	3.0	16.1	0.0	6.7	82.9
1992	Ag	0.0	0.0	0.4	0.0	0.0	17.7	0.3
1992	Wetl	0.0	0.0	0.0	0.3	0.0	0.0	0.4
1992	N.Trans	0.0	0.0	0.0	0.0	0.0	1.9	0.0
	total	2752.6	9126.8	42.7	169.9	76.8	17503.0	130.0

%		1986	1986	1986	1986	1986	1986	1986
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
1992	Water	7.90%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
1992	Urban	0.00%	26.20%	0.04%	0.01%	0.00%	0.97%	0.01%
1992	A.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.14%	0.00%
1992	Mining	0.00%	0.00%	0.00%	0.42%	0.00%	0.07%	0.00%
1992	N.Bare	0.00%	0.00%	0.00%	0.00%	0.22%	0.00%	0.00%
1992	Forest	0.00%	0.00%	0.07%	0.01%	0.00%	48.98%	0.11%
1992	Grs/Shr	0.00%	0.00%	0.01%	0.05%	0.00%	0.02%	0.24%
1992	Ag	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.00%
1992	Wetl	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1992	N.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
	total	7.90%	26.20%	0.12%	0.49%	0.22%	50.24%	0.37%

1986	1986	1986	
Ag	Wetl	N.Trans	total
55.5	27.8	0.0	765190.5
32187.7	1332.5	0.0	2668499.4
1263.1	0.0	0.0	15434.6
1152.0	0.0	0.0	49274.0
0.0	0.0	0.0	21250.3
1526.8	0.0	0.0	4760048.8
6398.7	0.0	0.0	36657.1
752615.2	735.6	0.0	758458.7
111.0	601809.0	0.0	602142.2
0.0	0.0	0.0	527.4
795310.1	603904.9	0.0	9677483.0

1986	1986	1986	
Ag	Wetl	N.Trans	total
0.2	0.1	0.0	2754.7
115.9	4.8	0.0	9606.6
4.5	0.0	0.0	55.6
4.1	0.0	0.0	177.4
0.0	0.0	0.0	76.5
5.5	0.0	0.0	17136.2
23.0	0.0	0.0	132.0
2709.4	2.6	0.0	2730.5
0.4	2166.5	0.0	2167.7
0.0	0.0	0.0	1.9
2863.1	2174.1	0.0	34838.9

1986	1986	1986	
Ag	Wetl	N.Trans	total
0.00%	0.00%	0.00%	7.91%
0.33%	0.01%	0.00%	27.57%
0.01%	0.00%	0.00%	0.16%
0.01%	0.00%	0.00%	0.51%
0.00%	0.00%	0.00%	0.22%
0.02%	0.00%	0.00%	49.19%
0.07%	0.00%	0.00%	0.38%
7.78%	0.01%	0.00%	7.84%
0.00%	6.22%	0.00%	6.22%
0.00%	0.00%	0.00%	0.01%
8.22%	6.24%	0.00%	100.00%

		Student t										85%																																
		df = 24, 85%										CONFIDENCE INTERVAL																																
		Relative Error																																										
1973	1980	59-18	59-19	59-40	59-65	59-77	59-89	59-92	59-103	59-109	59-130	59-140	59-150	59-152	59-163	59-164	59-176	59-208	59-214	59-238	59-239	59-248	59-254	59-264	59-266	59-268	59-308	59-309	59-313	59-336	Est. Chg	Mean	z ²	TOTPK	% Total	Est.Var (numpx)	std>Error(numpx)	std>Error (Percent)	Relative Error	df	85%	CONFIDENCE INTERVAL		
Water	Urban	224	381	824	769	8669	6716	687	1832	9595	1020	636	689	1320	523	138	809	0	0	0	0	0	566	557	90	346	0	0	227	177	213	1038	7206137.4	7206137.4	214677.4	2.222048	1.4871	5.598	11.13%	to	0.00%			
Water	Urban	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.8	0.1	0.2	27.8	0.0003%	72.11	26.9	0.0003%	96.73%	1.4871	0.00%	to	0.00%	
Water	A.Trans	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48.4	1.4	49.4	48.8	0.0050%	220822.6	468.9	0.0049%	96.73%	1.4871	0.00%	to	0.01%
Water	Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%		
Water	N.Bare	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	305.4	0.9	19.5	305.4	0.0032%	87247.9	295.4	0.0031%	96.73%	1.4871	0.00%	to	0.01%
Water	Forest	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68.4	0.2	10.0	68.4	0.0007%	4506.6	67.1	0.0007%	96.73%	1.4871	0.00%	to	0.00%
Water	Grn/Shr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Water	Ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Water	Well	0	3	0	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	638.5	1.8	74.6	638.5	0.0066%	333393.4	577.4	0.0060%	90.43%	1.4871	0.00%	to	0.02%
Water	N.Trans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Urban	6076	886	2478	2980	2820	15955	7866	4055	12697	8543	4591	8031	2597	4631	15922	2941	6747	0	0	0	0	3506	5754	4169	1944	18797	11211	20040	16982	2667999.7	7688.8	45934225.1	2667999.7	27.5891%	205296808264.6	453096.7	4.6820%	16.98%	1.4871	20.61%	to	34.53%	
Urban	A.Trans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	N.Bare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Grn/Shr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	Well	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Urban	N.Trans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
A.Trans	Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
A.Trans	A.Trans	14	0	0	45	0	6	0	0	7	38	0	53	0	34	0	0	6	74	0	0	0	0	4	4	0	0	7	66	0	4913.5	14.2	568.2	4913.5	0.0508%	2539693.0	1593.6	0.0165%	32.43%	1.4871	0.03%	to	0.08%	
A.Trans	N.Trans	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	68.4	0.2	0.5	68.4	0.0007%	2271.9	47.7	0.0005%	68.68%	1.4871	0.00%	to	0.00%
A.Trans	Mining	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	360.9	1.0	27.3	360.9	0.0037%	121856.6	349.1	0.0036%	96.73%	1.4871	0.00%	to	0.01%
A.Trans	N.Bare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
A.Trans	Forest	13	0	13	126	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	456.5	13.2	841.9	456.5	0.0472%	3762696.1	1939.8	0.0200%	42.48%	1.4871	0.02%	to	0.08%
A.Trans	Grn/Shr	109	38	58	66	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	753.5	14.4	4982.5	753.5	0.0150%	3367448.8	1835.1	0.0149%	36.33%	1.4871	0.02%	to	0.08%
A.Trans	Ag	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	541.3	1.6	52.3	541.3	0.0056%	231957.6	483.7	0.0050%	89.35%	1.4871	0.00%	to	0.01%
A.Trans	Well	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
A.Trans	N.Trans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0000%	0.0	0.0	0.0000%	#DIV/0!	1.4871	0.00%	to	0.00%	
Mining	Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.8	0.1	27.8	0.0003%	72.11	26.9	0.0003%	#DIV/0!	1.4871	0.00%	to	0.00%	
Mining	Urban	0	0	0	0	0	0	12	42	56	0	5	0	0	0	0	0	7	9	7	0	10	0	0	0	0	0																	

PIXELS		1992	1992	1992	1992	1992	1992	1992
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
2000	Water	763663.7	0.0	0.0	27.8	1041.0	138.8	0.0
2000	Urban	27.8	2667999.7	4913.5	2054.2	0.0	91261.0	3650.4
2000	A.Trans	485.8	0.0	69.4	0.0	0.0	29508.9	152.7
2000	Mining	0.0	0.0	360.9	41640.0	0.0	8272.5	277.6
2000	N.Bare	305.4	0.0	0.0	0.0	20209.3	0.0	0.0
2000	Forest	69.4	0.0	4566.5	638.5	0.0	4629243.7	3192.4
2000	Grs/Shr	0.0	471.9	4982.9	4774.7	0.0	111.0	29217.4
2000	Ag	0.0	27.8	541.3	138.8	0.0	1499.0	166.6
2000	Wetl	638.5	0.0	0.0	0.0	0.0	13.9	0.0
2000	N.Trans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	total	765190.5	2668499.4	15434.6	49274.0	21250.3	4760048.8	36657.1

KM ²		1992	1992	1992	1992	1992	1992	1992
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
2000	Water	2749.2	0.0	0.0	0.1	3.7	0.5	0.0
2000	Urban	0.1	9604.8	17.7	7.4	0.0	328.5	13.1
2000	A.Trans	1.7	0.0	0.2	0.0	0.0	106.2	0.5
2000	Mining	0.0	0.0	1.3	149.9	0.0	29.8	1.0
2000	N.Bare	1.1	0.0	0.0	0.0	72.8	0.0	0.0
2000	Forest	0.2	0.0	16.4	2.3	0.0	16665.3	11.5
2000	Grs/Shr	0.0	1.7	17.9	17.2	0.0	0.4	105.2
2000	Ag	0.0	0.1	1.9	0.5	0.0	5.4	0.6
2000	Wetl	2.3	0.0	0.0	0.0	0.0	0.0	0.0
2000	N.Trans	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	total	2754.7	9606.6	55.6	177.4	76.5	17136.2	132.0

%		1992	1992	1992	1992	1992	1992	1992
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
2000	Water	7.89%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
2000	Urban	0.00%	27.57%	0.05%	0.02%	0.00%	0.94%	0.04%
2000	A.Trans	0.01%	0.00%	0.00%	0.00%	0.00%	0.30%	0.00%
2000	Mining	0.00%	0.00%	0.00%	0.43%	0.00%	0.09%	0.00%
2000	N.Bare	0.00%	0.00%	0.00%	0.00%	0.21%	0.00%	0.00%
2000	Forest	0.00%	0.00%	0.05%	0.01%	0.00%	47.84%	0.03%
2000	Grs/Shr	0.00%	0.00%	0.05%	0.05%	0.00%	0.00%	0.30%
2000	Ag	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%
2000	Wetl	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2000	N.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	total	7.91%	27.57%	0.16%	0.51%	0.22%	49.19%	0.38%

1992	1992	1992	
Ag	Wetl	N.Trans	total
319.2	0.0	0.0	765190.5
15476.2	1277.0	0.0	2786659.8
222.1	596.8	0.0	31035.7
222.1	83.3	0.0	50856.3
0.0	0.0	527.4	21042.1
458.0	13.9	0.0	4638182.4
1110.4	0.0	0.0	40668.4
740650.7	0.0	0.0	743024.2
0.0	600171.2	0.0	600823.6
0.0	0.0	0.0	0.0
758458.7	602142.2	527.4	9677483.0

1992	1992	1992	
Ag	Wetl	N.Trans	total
1.1	0.0	0.0	2754.7
55.7	4.6	0.0	10032.0
0.8	2.1	0.0	111.7
0.8	0.3	0.0	183.1
0.0	0.0	1.9	75.8
1.6	0.0	0.0	16697.5
4.0	0.0	0.0	146.4
2666.3	0.0	0.0	2674.9
0.0	2160.6	0.0	2163.0
0.0	0.0	0.0	0.0
2730.5	2167.7	1.9	34838.9

1992	1992	1992	
Ag	Wetl	N.Trans	total
0.00%	0.00%	0.00%	7.91%
0.16%	0.01%	0.00%	28.80%
0.00%	0.01%	0.00%	0.32%
0.00%	0.00%	0.00%	0.53%
0.00%	0.00%	0.01%	0.22%
0.00%	0.00%	0.00%	47.93%
0.01%	0.00%	0.00%	0.42%
7.65%	0.00%	0.00%	7.68%
0.00%	6.20%	0.00%	6.21%
0.00%	0.00%	0.00%	0.00%
7.84%	6.22%	0.01%	100.00%

[illegible]

SPECIFIC CHANGES																																				
TO WATER	0	0	0	24	198	0	0	0	24	0	0	17	3	1	0	0	0	0	7	7	0	0	0	78	0	0	0	0	0	4071.5	11.7	1471.0	4071.5	0.0105%		
TO URBAN	1322	449	1145	1224	287	0	422	1261	604	438	0	1434	1225	3687	304	971	760	1408	1288	0	0	940	1698	754	338	0	1028	2295	531	42	299056.2	861.8	632597.7	299056.2	0.7725%	
TO A.TRANS	0	0	0	2	0	0	9	0	5	56	0	0	10	0	8	0	0	29	47	0	0	32	0	0	0	0	0	12	70	0	3238.7	9.3	341.9	3238.7	0.0084%	
TO MINING	53	110	0	368	0	0	9	155	78	177	0	0	177	213	77	78	65	106	174	0	0	0	17	49	228	0	0	67	0	0	25423.5	73.3	8392.1	25423.5	0.0657%	
TO N.BARE	0	0	0	0	184	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2578.4	7.4	1160.1	2578.4	0.0067%	
TO FOREST	291	50	173	86	0	0	20	64	180	34	0	0	138	124	98	82	112	292	109	0	0	78	0	100	0	0	32	146	0	0	25550.8	73.6	6853.9	25550.8	0.0660%	
TO GRS/SHRUB	686	109	239	325	8	0	38	112	390	38	0	0	112	225	66	65	120	235	150	0	0	80	0	203	106	0	18	224	0	0	0	41050.1	118.3	22972.1	41050.1	0.1060%
TO AGRICUL	81	43	65	62	27	0	0	7	69	0	0	108	26	53	63	92	6	71	265	0	0	40	87	346	0	0	1	0	0	0	17488.8	50.4	6123.6	17488.8	0.0482%	
TO WETLAND	0	3	0	0	0	0	62	0	0	0	0	0	0	0	17	0	2	27	1	0	0	11	0	0	0	0	0	0	0	0	1422.7	4.1	154.9	1422.7	0.0037%	
TO N.TRANS	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	439.5	1.3	48.1	439.5	0.0011%
A.Trans/Forest	580	357	474	780	0	0	63	74	575	141	0	0	376	56	476	527	104	680	346	0	0	88	0	127	152	0	16	0	35	0	65355.3	188.3	60034.1	65355.3	0.1688%	

PIXELS		1973	1973	1973	1973	1973	1973	1973
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
2000	Water	3055571.0	0.0	333.1	416.4	2748.2	360.9	0.0
2000	Urban	27.8	10120491.0	9799.3	3692.1	0.0	268772.3	5246.6
2000	A.Trans	485.8	0.0	666.2	0.0	0.0	65777.3	569.1
2000	Mining	0.0	0.0	360.9	162062.9	0.0	27635.1	791.2
2000	N.Bare	2498.4	0.0	0.0	0.0	80948.2	13.9	55.5
2000	Forest	69.4	180.4	17877.4	3303.4	0.0	19118187.1	24123.4
2000	Grs/Shr	0.0	596.8	14324.2	13158.2	0.0	3928.0	94134.2
2000	Ag	0.0	27.8	1471.3	138.8	0.0	17183.4	249.8
2000	Wetl	638.5	0.0	499.7	166.6	0.0	27.8	263.7
2000	N.Trans	0.0	0.0	0.0	0.0	0.0	527.4	0.0
	total	3059290.8	10121296.0	45332.1	182938.4	83696.4	19502413.2	125433.6

KM ²		1973	1973	1973	1973	1973	1973	1973
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
2000	Water	11000.1	0.0	1.2	1.5	9.9	1.3	0.0
2000	Urban	0.1	36433.8	35.3	13.3	0.0	967.6	18.9
2000	A.Trans	1.7	0.0	2.4	0.0	0.0	236.8	2.0
2000	Mining	0.0	0.0	1.3	583.4	0.0	99.5	2.8
2000	N.Bare	9.0	0.0	0.0	0.0	291.4	0.0	0.2
2000	Forest	0.2	0.6	64.4	11.9	0.0	68825.5	86.8
2000	Grs/Shr	0.0	2.1	51.6	47.4	0.0	14.1	338.9
2000	Ag	0.0	0.1	5.3	0.5	0.0	61.9	0.9
2000	Wetl	2.3	0.0	1.8	0.6	0.0	0.1	0.9
2000	N.Trans	0.0	0.0	0.0	0.0	0.0	1.9	0.0
	total	11013.4	36436.7	163.2	658.6	301.3	70208.7	451.6

%		1973	1973	1973	1973	1973	1973	1973
		Water	Urban	A.Trans	Mining	N.Bare	Forest	Grs/Shr
2000	Water	7.89%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
2000	Urban	0.00%	26.14%	0.03%	0.01%	0.00%	0.69%	0.01%
2000	A.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.17%	0.00%
2000	Mining	0.00%	0.00%	0.00%	0.42%	0.00%	0.07%	0.00%
2000	N.Bare	0.01%	0.00%	0.00%	0.00%	0.21%	0.00%	0.00%
2000	Forest	0.00%	0.00%	0.05%	0.01%	0.00%	49.39%	0.06%
2000	Grs/Shr	0.00%	0.00%	0.04%	0.03%	0.00%	0.01%	0.24%
2000	Ag	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%
2000	Wetl	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2000	N.Trans	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	total	7.90%	26.15%	0.12%	0.47%	0.22%	50.38%	0.32%

1973	1973	1973	
Ag	Wetl	N.Trans	total
416.4	610.7	0.0	3060456.7
66860.0	4469.4	0.0	10479358.4
1998.7	832.8	0.0	70330.0
1568.4	152.7	0.0	192571.1
0.0	0.0	527.4	84043.4
2942.6	41.6	0.0	19166725.4
17252.8	0.0	0.0	143394.3
3080249.6	1915.4	0.0	3101236.2
111.0	2409581.9	0.0	2411289.1
0.0	0.0	0.0	527.4
3171399.6	2417604.5	527.4	38709932.0

1973	1973	1973	
Ag	Wetl	N.Trans	total
1.5	2.2	0.0	11017.6
240.7	16.1	0.0	37725.7
7.2	3.0	0.0	253.2
5.6	0.5	0.0	693.3
0.0	0.0	1.9	302.6
10.6	0.1	0.0	69000.2
62.1	0.0	0.0	516.2
11088.9	6.9	0.0	11164.5
0.4	8674.5	0.0	8680.6
0.0	0.0	0.0	1.9
11417.0	8703.4	1.9	139355.8

1973	1973	1973	
Ag	Wetl	N.Trans	total
0.00%	0.00%	0.00%	7.91%
0.17%	0.01%	0.00%	27.07%
0.01%	0.00%	0.00%	0.18%
0.00%	0.00%	0.00%	0.50%
0.00%	0.00%	0.00%	0.22%
0.01%	0.00%	0.00%	49.51%
0.04%	0.00%	0.00%	0.37%
7.96%	0.00%	0.00%	8.01%
0.00%	6.22%	0.00%	6.23%
0.00%	0.00%	0.00%	0.00%
8.19%	6.25%	0.00%	100.00%

ECOREGION 69	total # of blocks touching 69	# of sample blocks touching 69
	347	30